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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/815,753	04/02/2004	Jung-Min Song	P-0125.1	1560
34610	7590	11/03/2005	EXAMINER	
FLESHNER & KIM, LLP P.O. BOX 221200 CHANTILLY, VA 20153			DINH, KHANH Q	
			ART UNIT	PAPER NUMBER
			2151	

DATE MAILED: 11/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/815,753

Applicant(s)

SONG ET AL.

Examiner

Khanh Dinh

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 August 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This is in response to the Amendment filed on 8/15/2005. Claims 1-9 are presented for examination.

Claim Objections

2. Claim 9 is objected to because of the following informalities:

In claim 9, line 16, the limitation "information reflectes" should be changed to "information reflects".

Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

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4. Claims 1-9 are rejected under 35 U.S.C. 102(e) as being anticipated by Reisman U.S. pat. No.6,611,862 (hereafter Reisman).

As to claim 1, Reisman discloses a multimedia user profile information structure stored in a computer medium for indexing and browsing a multimedia object (information products including media data) comprising:

incorporating into the multimedia user profile ordering criteria information of a search item (searching for any information of interest of user including information products, see figs.1, 2, abstract, col.7 line 5 to col.8 line 60).

incorporating into the multimedia user profile user preference information (product ID, user selections) on ordering criteria information (using a search engine to provide information product to user for viewing, see col.8 line 61 to col.10 line 33 and col.14 line 9 to col.15 line 22) the search item to be browsed in a particular order based on the ordering criteria information according to a user preferred arrangement (the search result can be merged with the local results to produce a fully current, complete result and sorted in whatever order is desired, see col.57 line 35 to col.58 line 15).

As to claim 2, Reisman discloses the user profile information structure comprising item categories which are criteria of search and browsing for displaying the search item ordering to be browsed according to a user preferred arrangement (using information product, product-specific configurations, user-specific configurations to allow users to search, view and print transport objects) (see fig.3, col.11 lines 5-64, col.24 line 41 to col.25 line 44 and col.57 line 35 to col.58 line 15).

As to claim 3, Reisman discloses the user profile information structure further comprises item ordering criteria for determining the ordering of the search items accordance for each item category (see figs.9, 11, col.11 line 27 to col.12 line 51, col.39 line 33 to col.40 line 53 and col.57 line 35 to col.58 line 15).

As to claims 4 and 5, Reisman discloses criteria categories informing the categories of the search item ordering criteria and preference information determining a preference to the relevant criterion category (see col.25 line 46 to col.26 line 62 and col.39 line 33 to col.40 line 53).

As to claim 6, Reisman discloses representing the preference of the relevant item included in an existing user profile and the search items are displayed in accordance with the preference (see col.14 line 27 to col.15 line 58 and col.39 line 33 to col.40 line 53).

As to claim 7, Reisman discloses a multimedia search and browsing method using multimedia user profile information structure for indexing and browsing a multimedia object (information products including media data) comprising:

identifying ordering criteria information for a search item and user preference information on the ordering criteria information of the search item from the user profile (using product-specific configurations, user-specific configurations), displaying search

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item order of higher preference on the basis of the item ordering criteria information according to the user preference information (searching for any information of interest of user including information products, see figs.1, 2, abstract, col.7 line 5 to col.8 line 60).

searching and browsing a search object indicated by the search items displayed according to the user preference information (using a search engine and results for providing information product to users for viewing, see figs.1, 2, abstract, col.50 line 16 to col.51 line 52 and col.57 line 35 to col.58 line 15).

As to claim 8, Reisman discloses a search item preference information structure for searching and browsing a multimedia (information products including media data) comprising:

constructing a multimedia object by incorporating a search object comprising: a multimedia data stream, a search item which is a criterion of indexing, connection information which connects each search item to the search object (searching for any information of interest of user including information products, see figs.1, 2, abstract, col.7 line 5 to col.8 line 60).

ordering criteria information for indicating ordering criteria of each search item, the ordering criteria indicating a particular display order for the search item (the search result can be merged with the local results to produce a fully current, complete result and sorted in whatever order is desired, see col.57 line 35 to col.58 line 15);

ordering information for each ordering criterion and constructing a user profile (using product-specific configurations, user-specific configurations) by incorporating

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item categories for indicating items which are criteria of the search and browsing (using a search engine to provide information product to user for viewing see figs.1, 2, abstract, col.49 line 18 to col.50 line 67.50 line 16 to col.51 line 52), and

a user preference value indicating preference to the ordering criteria information of the multimedia object for each item category (using retriever tool, see col.51 lines 2-66).

As to claim 9, Reisman discloses a multimedia search and browsing method using a user profile information in indexing and browsing a multimedia object, comprising:

identifying a search item which is a criterion of indexing and ordering criteria information for indicating ordering criteria for each search item from the multimedia object (searching for any information of interest of user including information products, see figs.1, 2, abstract, col.7 line 5 to col.8 line 60), the ordering criteria indicating a particular display order from the search item (the search result can be merged with the local results to produce a fully current, complete result and sorted in whatever order is desired, see col.57 line 35 to col.58 line 15);

identifying item categories for indicating items which are criteria of the search and browsing, and a user preference value indicating preference to the ordering criteria information of the multimedia object on each item category from the user profile information (using product-specific configurations, user-specific configurations) and selecting the ordering criteria information in order of higher preference value according to the user profile information for each search item (using a search engine to provide

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information product to user for viewing see figs.1, 2, abstract, col.49 line 18 to col.50 line 67 and col.57 line 35 to col.58 line 15), and

displaying the multimedia items based on the user preference by using the ordering criteria information selected from the user profile information and searching and browsing a search object indicated by the search items that the user preference information reflectes (using retriever tool to retrieve search results, see col.51 lines 2-66).

Other prior art cited

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a. Axaopoulos et al, US pat. No.6,286,002.

Response to Arguments

6. Applicant's arguments filed on 8/15/2005 have been fully considered but they are not persuasive.

- Applicant asserts that the cited reference does not disclose indicating the display order of the search item.

Examiner respectfully disagrees. Reisman discloses the applicant claimed invention by showing that the search result can be merged with the local results to produce a fully current, complete result and sorted in whatever order is desired (see col.57 line 35 to col.58 line 15) as rejected above.

As a result, cited prior art does disclose a multimedia search and browsing method using a user profile information in indexing and browsing a multimedia object, as broadly claimed by the Applicants. Applicants clearly have still failed to identify specific claim limitations that would define a clearly patentable distinction over prior art. Therefore, the examiner asserts that cited prior art teaches or suggests the subject matter broadly recited in independent claims 1, 7-9.

Claims 2-6 are also rejected at least by virtue of their dependency on independent claims and by other reasons set forth in the previous office action [see paper mailed on 5/16/2005]. Accordingly, claims 1-9 are respectfully rejected.

Conclusion

7. Claims 1-9 are *rejected*.

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

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9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (571) 272-3936. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung, can be reached on (571) 272-3939. The fax phone number for this group is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Khanh Dinh
Patent Examiner
Art Unit 2151
10/30/2005



ZARNI MAUNG
SUPERVISORY PATENT EXAMINER